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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BREKELMANS, Johannes, H., A.** [NL/NL]; Prof. Holstlaan 6, NL-5656

AA Eindhoven (NL). **KAHLMAN, Josephus, A., H., M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE JONG, Gerben, W.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

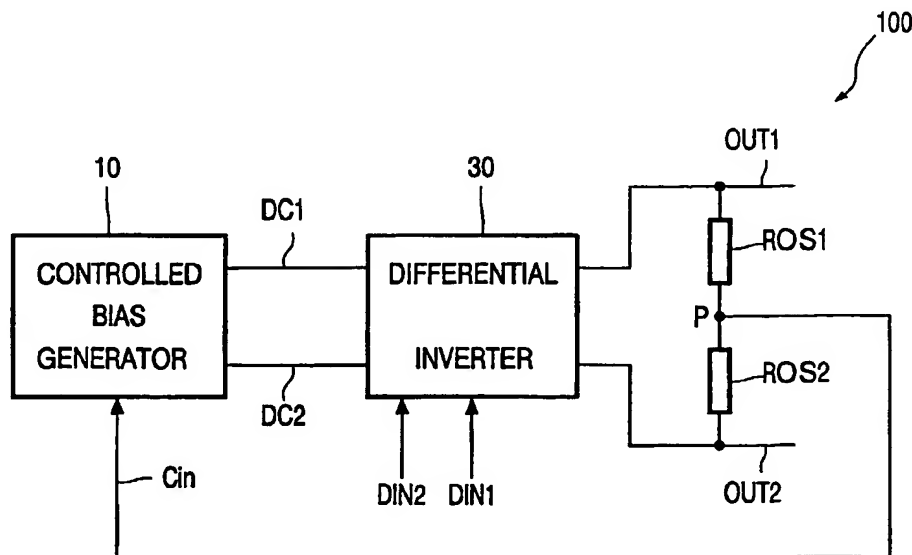
(74) Agent: **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: AN IMPROVED DIFFERENTIAL INVERTER



(57) Abstract: An improved differential inverter comprising a differential inverter having a differential input for receiving a first input signal and a second input signal, said inverter further comprising a differential control input for receiving a first control signal and a second control signal. The improved differential inverter further comprises a differential output for transmitting a first output signal and a second output signal. The improved differential inverter further comprises a controlled bias generator that generates the second vector of input signals in response to a bias control signal. The control bias signal is generated at an output of a voltage divider coupled to the differential output of the differential inverter said bias control signal being indicative for a DC voltage of the of the differential output.



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